



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/849800
Filing Date	05/04/01
First Named Inventor	Thomas C. McDonald Terry Parks
Group Art Unit	2188
Examiner Name	Thang H. Ho GARY PORTKA
Attorney Docket Number	CNTR.2063

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear CLASS/SUB
		Number	Kind Code <sup>2</sup>			
GJP ↑	AA	5142634		Fite et al	08/25/1992	712/240
	AB	5163140		Stiles et al	11/10/1992	711/140
	AC	5353421		Emma et al	10/04/1994	712/240
	AD	5355459		Matsuo et al	10/11/1994	712/242
	AE	5530825		Black et al	06/25/1996	711/213
	AF	5850543		Shiell et al	12/15/1998	712/238
	AG	5867701		Brown et al	02/02/1999	712/248
	AH	5948100		Hsu et al	09/07/1999	712/238
	AI	5964868		Gochman et al	10/12/1999	712/234
	AJ	5974543		Hilgendorf et al	10/26/1999	712/240
	AK	6044459		Bae et al	03/28/2000	712/237
	AL	6108773		Col et al	08/22/2000	712/237
	AM	6151671		D'Sa et al	11/21/2000	712/239
	AN	6314514		Thomas C. McDonald	11/6/2001	712/239
GJP ↓	AO	6601161		Rappoport et al	07/29/2003	712/238

Examiner Signature	GARY J. PORTKA	Date Considered	1/18/05
-----------------------	----------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/849800
		Filing Date	05/04/01
		First Named Inventor	Thomas C. McDonald Terry Parks
		Group Art Unit	2188
Examiner Name	<del>Thang H Ho</del> GARY PORTKA		
Attorney Docket Number	CNTR.2063		
Sheet	2	of	2

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
GJP	BA	SAKAMOTO ET AL; <u>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</u> ; pp. 208-216; IEEE 1996; Mitsubishi Electric Corp., System LSI Laboratory, 4-1 Mizuhara, Itami, Hyogo 664, Japan.	
	BB	YEH ET AL; <u>ALTERNATIVE IMPLEMENTATION OF TWO-LEVEL ADAPTIVE BRANCH PREDICTION</u> ; 19 <sup>TH</sup> Annual International Symposium on Computer Architecture, pp. 124-134, May 19-21, 1992, Gold Coast, Australia.	
	BC	CHANG ET AL; <u>ALTERNATIVE IMPLEMENTATIONS OF HYBRID BRANCH PREDICTORS</u> ; Proceedings of MICRO-28, 1995, IEEE.	
	BD	MC FARLING, SCOTT; <u>WRL TECHNICAL NOTE TN-36</u> , "Combining Branch Predictors, June 1993, Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
	BE	IEEE 100; <u>THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS</u> ; Seventh Edition, IEEE, Standards Information Network, IEEE Press,	
GJP	BF	BRAY ET AL; <u>STRATEGIES FOR BRANCH TARGET BUFFERS</u> ; Technical Report No. CSL-TR-91-480, June 1991.	

Examiner Signature	GARY J. PORTKA	Date Considered	1/18/05
--------------------	----------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.